



Applicant: YU et al.
Application No.: 09/875,228
Docket No.: CELL-011CON

HKLK2.LA0	(6998)	AA-CTGAGCCTTGATTATATTG-GAGCTTGGTTGCA-CAG-ACATGTCGA
PSE	(509)	AATCT-AG-C-TGA-TATAGTGTG-GCTCAAAACCTTCAGCACAAATC-A
HKLK2.LA0	(7044)	CCACCTTCATGGCTGAACTTTAGTACTTAGCCCCTCCAGACGTCTACAGC
PSE	(553)	-CACCGTTA-GACT--A-TCTGGT--GT-G--GC-CCAAAC--CTTCAGG
HKLK2.LA0	(7094)	TGATAGGCTGTAACCCAAACAT-TGTCACCATAAATCACATTGTTAGACTA
PSE	(590)	TGA-ACAAAGGGACTCTA-ATCTGGCAGGAT-ATTC-CA----AAG-C-A
HKLK2.LA0	(7143)	TCCAGTG-TGGCC-CAAGCTCCCGTGTAACACAGGCACTCTAAACAG--
PSE	(630)	T-TAGAGATGACCTCTTGC-AAAG-AAAAAGAAATGGAAAAGAAAAAGAA
HKLK2.LA0	(7189)	-G-CAGGATATTTCAAAGCTT-AGAGATGACCTCCAGGAGCTGAATGC
PSE	(677)	AGAAAGGAAAAAAAAAAAAAAAAAGAGATGACCTCTCAGGCTCTGAGGGG
HKLK2.LA0	(7236)	AAA-GACCTGGCCTCTTTGGGCAAGGAGAATCCTTTACCGCACACTCTCC
PSE	(727)	AAACG-CCTGAGGCTCTTTGAGCAAGGTCAAGTCTCTGTTGCACAGTCTCC
HKLK2.LA0	(7285)	TTCACAGGGTTATTGTGAGGATCAAATGTGGTCAATGTGTGTGAGACACCA
PSE	(776)	CTCACAGGGTCATTGTGACGATCAAATGTGGTCACGTGTATGAGGCACCA
HKLK2.LA0	(7335)	GCACATGTCTGGCTGTGGAGAGTGACTTCTA--TGTGTGCTAACATTGCT
PSE	(826)	GCACATGCCCTGGCTCTGGGGAGTGCCGTGTAAGTGTATGCTTGCAGTGT
HKLK2.LA0	(7383)	GAGTGCTAAGAAAGTATTAGGCATGGCT-TTCAGCACTCACAGATGCTCA
PSE	(876)	GAATGCTTGGGATGTGTCAGGGAT-TATCTTCAGCACTTACAGATGCTCA

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HKLK2.LA0	(7432)	TCTAATCCTCACAAACATGGCTACAGGG-TGGGCACTACTAGCCTCATTG
PSE	(925)	TCTCATCCTCACAGCATCACTA-TGGGATGGGTATTACTGGCCTCATTG
HKLK2.LA0	(7481)	ACAGAGGAAAG-GACTGTGGATAAGAAGGGGGTGACCAATAGGTCAGAGT
PSE	(974)	ATGGA-GAAAGTGGCTGTGGCTCAGAAAGGGGGGACCCTAGACCAGGGA
HKLK2.LA0	(7530)	CATTCTGGATGCAAGGGG-CTCCAGAGGACCATGATTAGACATTGTCTGC
PSE	(1023)	CACTCTGGATGC-TGGGGACTCCAGA-GACCATGACCACTACCAACTGC
HKLK2.LA0	(7579)	AGAGAAATT----ATGG-CTGGATGTCTCTGCCCCGAAAGGG-GGA--T
PSE	(1071)	AGAGAAATTAATTGTGGCCT-GATGTCCCTGTCTGGAGAGGGTGGAGGT
HKLK2.LA0	(7621)	GCACTTTCCTTGACCCCTATCTCAGATCTTGACTTTGAG-GTTATCTCA
PSE	(1120)	GGACCTTCACTAACCTCCTACCT-TGACCCTCTCTTTTAGGGCTCTTTCT
HKLK2.LA0	(7670)	GACTTCCTCTATGATACCAGGAGCCCATCATAATCTCTCTGTGTCTCTCTC
PSE	(1169)	GACCTCCACCATGGTACTAGGA-CCC--CATTGTAT-TCTGT-ACC-CT-
HKLK2.LA0	(7720)	CCCTTCCTCAGTCTTACTG-CCCACTCTTCCCAGCTCCATCTCCAGCTGG
PSE	(1212)	--C-T--TGACTC-TA-TGACCCCACTGCCCCA-CTGCA--TCCAGCT--
HKLK2.LA0	(7769)	CCAGGTGTAGCCACAGTACCTAACTCT-TTGCAGAGAACTATAAATGTGT
PSE	(1250)	---GG-GT--CC-C-CT-CCTATCTCTATT-CCCAG--CTGGCCA-GTGC
HKLK2.LA0	(7818)	A-TCCTACAGGGGAGAAAAAAA-AAAAG-AACTCTGAAAGAGCTGACATT
PSE	(1287)	AGT-CT-CAGTGCCACCTGTTTGTGAGTAAGTCTGAAGGGGCTGACATT
HKLK2.LA0	(7865)	TTACCGACTTGCAAAACATAAGCTAACCTGCCAG--TTTTGT---GCT
PSE	(1335)	TTACTGACTTGCAAAACAAATAAGCTAACTTTCCAGAGTTTGTGAATGCT
HKLK2.LA0	(7909)	GGTAGAACT-CATGAGACTCCTGGGTCAGAGGCAAAAGATTTTATTACCC
PSE	(1385)	GGCAG-AGTCCATGAGACTCCTGAGTCAGAGGCAAAAGGCTTTTACTGCTC

FIG. 2B

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HKLK2.LA0	(7958)	ACAGCTAAGGAGGCAGCATGAACTTTGTGTTACATTTGTTCACTTTGCC
PSE	(1434)	ACAGCTTAGCAGACAGCATGAGGTTTCATGTTACATTAGTACACCTTGCC
HKLK2.LA0	(8008)	CCCC--AATTCATAT-GGGATGATCAGAGCAGTTC-AGGTGGATG--G-A
PSE	(1484)	CCCCCAAATCTTGTAGGG-TGACCAGAGCAG-TCTAGGTGGATGCTGTG
HKLK2.LA0	(8051)	CA-CAGGGGTTTGTGGCAAAGGTGAGCAACCTAG-GCTTAGAAATCCTCA
PSE	(1532)	CAGAAGGGGTTTGTGCCACTGGTGAGAAACCT-GAGATTAGGAATCCTCA
HKLK2.LA0	(8099)	ATCTTATAAGAAGGTACT---AGCAAACCTTGTC-CAGTCTTTGTATCTGA
PSE	(1581)	ATCTTAT-ACTGGG-ACAACTTGCAAACCTG-CTCAGCCTTTGTCTCTGA
HKLK2.LA0	(8145)	CGGAGATATTATCTTTATAAT-TGGG-TTGAAAGCAGACCTACTCTGGAG
PSE	(1628)	TGAAGATATTATCTTCATGATCTTGGATTGAAAACAGACCTACTCTGGAG
HKLK2.LA0	(8193)	GAACATATTGTATTTATTGTCCT-GAACAGTAAACAAATCTGCTGTAAAA
PSE	(1678)	GAACATATTGTATCGATTGTCCTTG-ACAGTAAACAAATCTGTTGT--AA
HKLK2.LA0	(8242)	TAGACGTAACTTTATTATCTAAGG-CAGTAAGCAAACCTAGATCTGAAG
PSE	(1725)	GAGACATTATCTTTATTATCT-AGGACAGTAAGCAAGCCTGGATCTG-AG
HKLK2.LA0	(8291)	-GCGATACCATCTTGCAAGGCTATCTGCTGTACAAATATGCTTGAAAAGA
PSE	(1773)	AGAGATATCATCTTGCAAGGATGCCTGCTTTACAAACATCCTTGAAACAA
HKLK2.LA0	(8340)	TGGTCCAGAAAAGAAAACGGTATTATTGCCTTTGCTCAGAAGACACACAG
PSE	(1823)	CAATCCAGAAA-AAAAAGGTGTTGCTGTCTTTGCTCAGAAGACACACAG
HKLK2.LA0	(8390)	AAACATAAGAGAACCATGGAAAATTGTCTCCCAACACTGTTCACCCAGAG
PSE	(1872)	ATACGTGACAGAACCATGGAGAATTGCCTCCCAACGCTGTTCAGCCAGAG
HKLK2.LA0	(8440)	CCTTCCACTCTTGTCTGCAGGACAGTCTTAACATCCCATCATTAG-T-GT
PSE	(1922)	CCTTCCACCCTTGTCTGCAGGACAGTCTCAACGTTCCACCATTAAATACT

FIG. 2C

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HKLK2.LA0	(8488)	--GTCTACCACATCTGGCTTCACCGTGCCTAACCAAGATTTCTAGGTCCA
PSE	(1972)	TCTTCTATCACATCCTGCTTCTTTATGCCTAACCAAG-GTTCCTAGGTCCC
HKLK2.LA0	(8536)	GTTCCCCACCATGTTTGGCAGTGCCCCACTGCCAACCCCAGAATAAGGGA
PSE	(2021)	GAT--CGACTGTGTCTGGCAGCACTCCACTGCCAAACCCAGAATAAGGCA
HKLK2.LA0	(8586)	GTGCTCAGAATTCCGA (SEQ ID NO: 1, pos. 6998-8602)
PSE	(2069)	GCGCTCAGGATCCCGA (SEQ ID NO: 2, pos. 509-2069)

FIG. 2D